CLAIM AMENDMENTS

1. - 5. (Canceled)

6. (Currently Amended) An artificial disc replacement (ADR), comprising:

a C-shaped shape-memory spring component having two ends and a height defining an interior volume; and

a generally biconvex component ~~that articulates~~ adapted for articulation between [[the]] an endplate of a vertebral body ~~vertebra~~ and the C-shaped spring component,

the biconvex component including a portion that extends outwardly beyond the height of the spring component, such that pressure on the biconvex component forces the biconvex component into the interior volume of the spring component, causing the ends of the C-shaped component move apart during axial loads on the spine and during spinal flexion, but wherein the shape memory returns the C-shaped component and biconvex components to their neutral positions as the axial load is removed or the spine is returned to a neutral position.

7. (Original) The ADR of claim 6, wherein one or both of the components are coupled to the vertebral bodies through endplate resurfacing components.

8. - 24. (Canceled)